

CLAIMS:

1. A wafer processing apparatus comprising:  
a chamber;  
a first opening portion through which the interior and the exterior of the chamber communicate; and  
a door that substantially closes the first opening portion,  
wherein the door has a projection, and when the door is positioned to substantially close the first opening portion only the projection contacts with periphery portion of the first opening portion.

2. A wafer processing apparatus according to claim 1, wherein the projection is provided at one of four corners of the door so as to protrude toward the outside of the door.

3. A wafer processing apparatus according to claim 1, wherein in case that the door is positioned to substantially close the first opening portion, an aperture through which the interior and the exterior of the chamber are in communication with each other exists.

4. A wafer processing apparatus including a mini-environment portion having a chamber therein and used for transferring a wafer between a clean box having a lid and housing the wafer and the chamber, said apparatus comprising: a first opening portion in communication with the chamber, facing to an opening of the clean box so as to allow loading and unloading the wafer between the clean box and the mini-environment portion; and

a door that closes, when the transfer of the wafer is not performed, the first opening portion and opens, when the transfer of the wafer is performed,

wherein the door has a projection, and when the door is positioned to close the first opening portion only the projection contacts with periphery portion of the first opening portion.

5. A wafer processing apparatus according to claim 4, wherein the projection is provided at one of four corners of the door so as to protrude toward the outside of the door.

6. A wafer processing apparatus according to claim 4, wherein in case that the door is positioned to substantially close the first opening portion, an aperture through which the interior and the exterior of the chamber are in communication with each other exists.